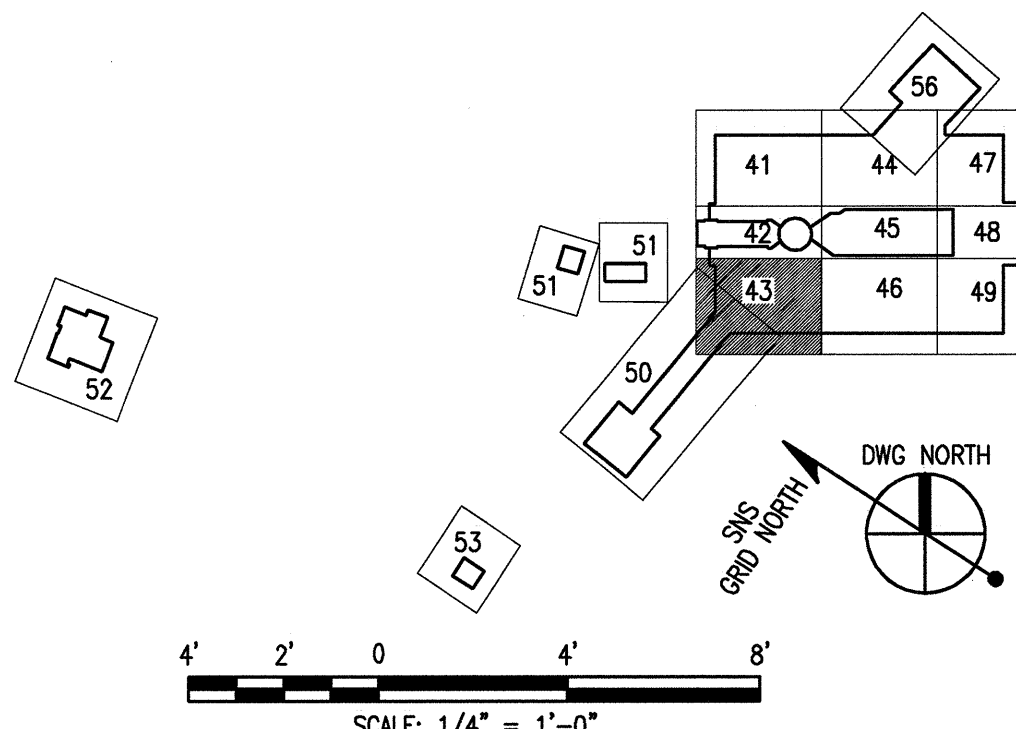
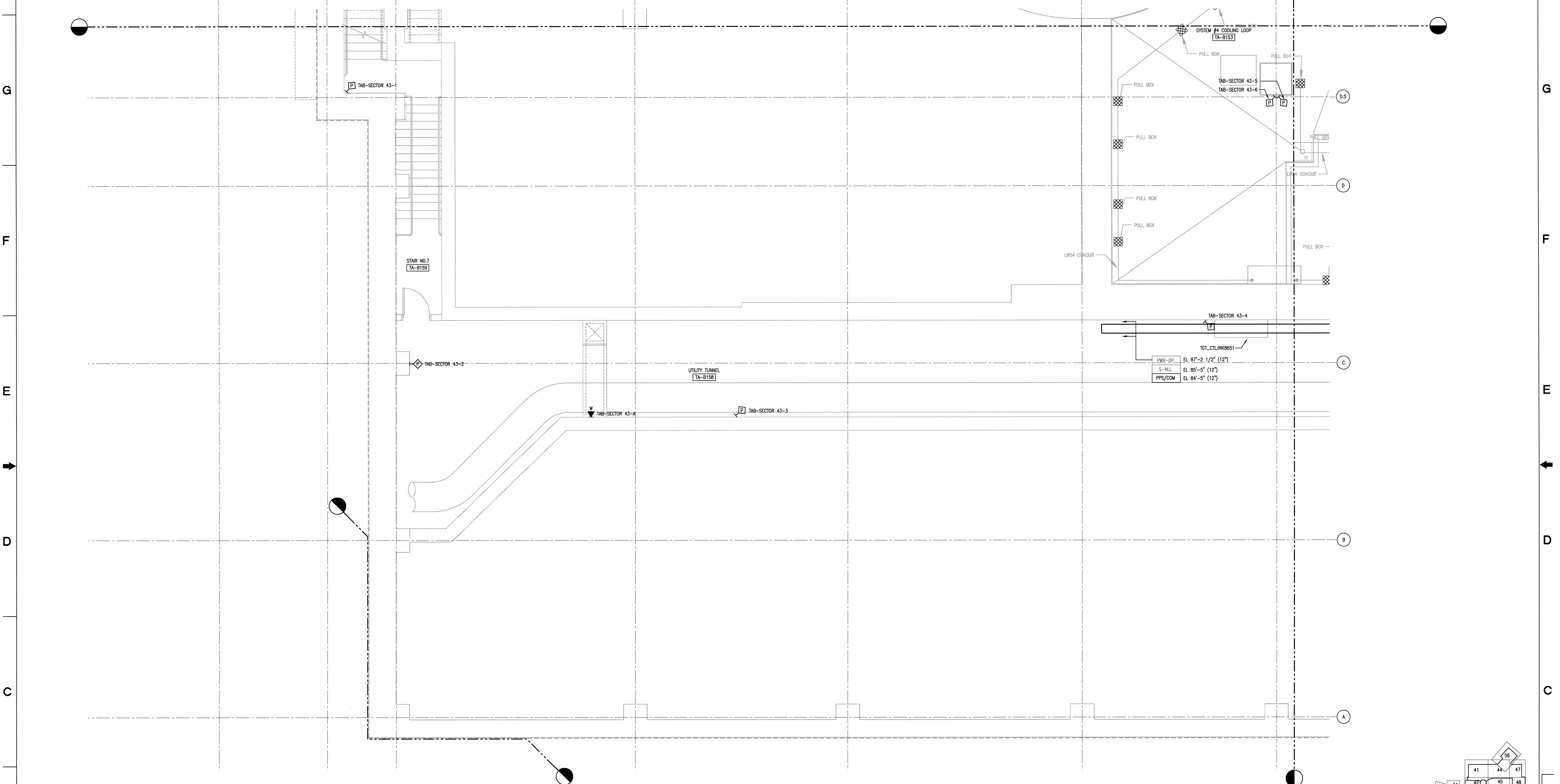
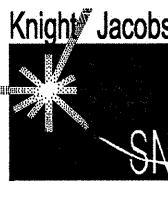


1. FOR ALL PERSONNEL PROTECTION SYSTEM (PPS) EQUIPMENT, PPS SIGNAL CABLEING USED AS PART OF SAFETY SYSTEM MUST BE RUN SEPARATELY FROM NON-SAFETY CABLEING. PPS SAFETY CABLEING CAN RUN IN SHARED TRAY WITH DIVE (PPS/COM TRAY) AND SHORT RUN OF CONDUIT FROM EACH DETECTOR LOCATION BACK TO THE NEAREST PPS TRAY. PPS TRAY SIGNAL CABLES AND THE CONDUIT DROPS WILL BE BY OTHERS.
2. FOR PPS SYSTEM DEVICES ARE NOTED WITH ELECTRICAL SYMBOLS ON PLAN, EACH DEVICE WILL REQUIRE 120V UPS. THE UPS SHALL BE MOUNTED ON PPS PANEL. TA-3000 IS REQUIRED. THERE CAN BE RUN OF CONDUIT DROPS FROM (PW'-DR TRAY) TO NEAREST DEVICES LOCATION, BY INSTRUMENT SUBCONTRACTOR.
3. ALL CONDUITS RUN IN THE CEILING AREA IN THE BASEMENT SHALL BE MINIMUM OF 8"-6" ABOVE THE FINISHED FLOOR.



108030700-E8E-8700-A137



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Oak Ridge, TN 37830
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KNIGHT
Knight Advanced Technology



PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET BUILDING
ELECTRICAL COMMUNICATIONS PLAN
LEVEL R1 SECTOR 12

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8700		1	1	P	U
51		52		53	WBS	E6.B1.43				REV
NC		NA			1837					0

<p>NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR UTILITY OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIOR RIGHTS OR THAT NO LIABILITY IS ASSIGNED WITH RESPECT TO THE USE OF, OR THE RESULTS RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION PURPOSES ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORMING CONTRACTOR.</p>	<p>NUMBER OF SECTION OR DETAIL</p> <p>DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN</p> <p>SECTION AND DETAIL KEY</p>
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[illegible]

DSN	H. EVANS	10,
DRW	L. MAKOVSKY	10,
CHK	V. STEFFEN	10,
DEPT		
PE	<i>P. J. Hansen</i>	7/1,
PJ	<i>R. D. Dean</i>	11/1,
REQ		
UTB	<i>M. Hansen</i>	11/1,